

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

SERIAL NO: NEW APPLICATION

FILED: HEREWITH

FOR: PROCESS FOR PRODUCING A FLUORINE ATOM-CONTAINING SULFONYL FLUORIDE COMPOUND

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☐ The applicant(s) wish to make of record the references cited in prior U.S. Application Serial No. 10/442,227, filed May 21, 2003 listed on the attached form PTO-1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☐ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, MCCLELLAND,
MAIER & NEUSTADT, P.C.

Norman F. Oblon

Registration No. 24,618

Customer Number

22850

Tel. (703) 413-3000
Fax. (703) 413-2220
(OSMMN 05/03)

Daniel R. Evans, Ph.D.

Registration No. 55,868

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 250964US0DIV		SERIAL NO. NEW APPLICATION	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Masahiro ITO, et al.			
				FILING DATE HEREWITH		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	6,586,626	07/01/03	T. OKAZOE, et al.			
	AB	3,900,372	08/19/75	W.V. CHILDS, et al.			
	AC	4,524,032	06/18/85	S. MISAKI, et al.			
	AD	4,868,318	09/19/89	K.V. SCHERER, JR., et al.			
	AE	4,996,369	02/26/91	D.J. KALOTA, et al.			
	AF	5,093,432	03/03/92	T.R. BIERSCHEK, et al.			
	AG	5,322,903	06/21/94	T.R. BIERSCHEK, et al.			
	AH	5,466,877	11/14/95	G.G.I. MOORE			
	AI	5,488,142	01/30/96	D.J. FALL, et al.			
	AJ	5,571,870	11/05/96	T.R. BIERSCHEK, et al.			
	AK	5,578,278	11/26/96	D.J. FALL, et al.			
	AL	5,674,949	10/07/97	T.R. BIERSCHEK, et al.			
	AM	5,753,776	05/19/98	T.R. BIERSCHEK, et al.			
	AN	6,093,860	07/25/00	K. WATANABE, et al.			
	AO	6,255,536	07/03/01	A.T. WORM, et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AP	0 265 052	04/27/88	EUROPE			
	AQ	10-116627	05/06/98	JAPAN			X
	AR	WO 01/46107	06/28/01	WIPO (with English Abstract and corr. US 6,255,536)			X
	AS	WO 00/56694	09/28/00	WIPO (with English Abstract)			x
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AT	K. MURATA, et al., J. Am. Chem. Soc., vol. 120, no. 28, pages 7117-7118, "THE THERMAL DECOMPOSITION OF PERFLUOROESTERS", 1998					
	AU	I. TARI, et al., J. Org. Chem., vol. 45, no. 7, pages 1214-1217, "SYNTHESIS OF HALOGENATED ESTERS OF FLUORINATED CARBOXYLIC ACIDS BY THE REGIO-AND STEREOSPECIFIC ADDITION OF ACYL HYPOCHLORITES TO OLEFINS", 1980					
	AV	English Abstracts of WO 01/16085, March 8, 2001					
	AW	English Abstracts of WO 01/46093, June 28, 2001					
	AX	English Abstracts of WO 01/94285, December 13, 2001					
	AY	English Abstracts of WO 02/04397, January 17, 2002					
	AZ	English Abstracts of WO 02/10106, February 7, 2002				<input type="checkbox"/> Additional References sheet(s) attached	
Examiner		Date Considered					
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

250964US0DIV

SERIAL NO.

NEW APPLICATION

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Masahiro ITO, et al.

FILING DATE

HEREWITH

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	BA						
	BB						
	BC						
	BD						
	BE						
	BF						
	BG						
	BH						
	BI						
	BJ						
	BK						
	BL						
	BM						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	BN	WO 02/10107	02/07/02	WIPO (with English Abstract)		X
	BO	0 062 430	10/13/82	Europe		
	BP	52-10221	01/26/77	Japan W/Attached English Abstract		X
	BQ	WO 00/56694	09/28/00	WIPO		

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	BR	English Abstracts of WO 02/10108, February 7, 2002
	BS	English Abstracts of WO 02/18314, March 7, 2002
	BT	English Abstracts of WO 02/20445, March 14, 2002
	BU	English Abstracts of WO 02/26679, April 4, 2002
	BV	English Abstracts of WO 02/26682, April 4, 2002
	BU	English Abstracts of WO 02/26686, April 4, 2002
	BV	English Abstracts of WO 02/26687, April 4, 2002
	BW	English Abstracts of WO 02/26688, April 4, 2002
	BX	English Abstracts of WO 02/26689, April 4, 2002
	BY	English Abstracts of WO 02/26693, April 4, 2002
		<input type="checkbox"/> Additional References sheet(s) attached

Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

250964US0DIV

SERIAL NO.

NEW APPLICATION

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Masahiro ITO, et al.

FILING DATE

HEREWITH

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	CA						
	CB						
	CC						
	CD						
	CE						
	CF						
	CG						
	CH						
	CI						
	CJ						
	CK						
	CL						
	CM						
	CN						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	CO					
	CP					
	CQ					
	CR					
	CS					
	CT					
	CU					
	CV					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	CW	James J. Krutak, et al., "Chemistry of Ethenesulfonyl Fluoride. Flurosulfonylethylation of Organic Compounds," J. Org. Chem., Vol. 44, No. 22, 1979, pages 3847-3858.				
	CX	Methods of Organic Chemistry, 4, Vol. 10b, Part 1, pp. 703.				
	CY					
	CZ					<input type="checkbox"/> Additional References sheet(s) attached

Examiner

Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.